

ABSTRACT

A method and an apparatus for recording and reproducing digital data. The method and the apparatus for recording and reproducing digital data are able to prevent the destruction of file and the loss of data when an abend such as a power failure occurs during recording or reproduction of digital data on a disk recording medium. The apparatus is provided with a file structure management unit and a file recovery unit. The file structure management unit records digital data in the disk recording medium, which has a file structure in which recordable clusters are connected. When an abend occurs during data recording, the file recovery unit constitutes, as a recorded file, the digital data which has been recorded from the start of data recording to the abend on the basis of format information of the data after recovery from the abend.